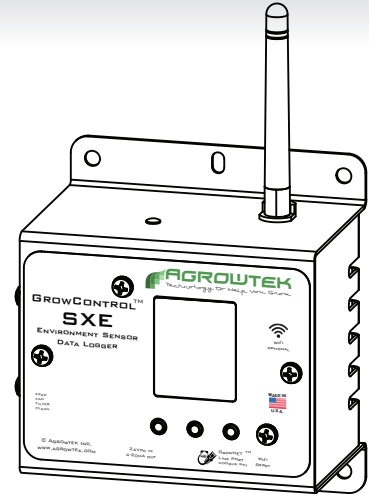








GrowControl SXE Environmental Monitor, Logger & Controller is a precision digital indoor climate monitor with 3-button LCD display featuring temperature, relative humidity, ambient light and optionally CO2 ppm.

Connect to Agrowtek's GrowControl Control systems for advanced control solutions or directly to Agrowtek's intelligent relays for basic environmental control. GrowNET port accepts MODBUS RTU for PLC communication.







Internal memory logs 21,600 data points for months or years of storage. Available with WiFi module for remote monitoring, data logging, alerts, and more. Link the WiFi module to Agrowtek's web-portal for off-site data logging. USB AgrowLink connects the GrowNET port to a PC for datalog download to .csv, graphing, calibration, configuration, updates, and more using free PC software.

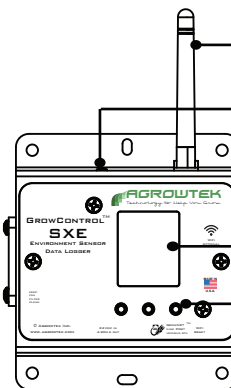
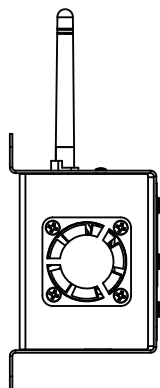
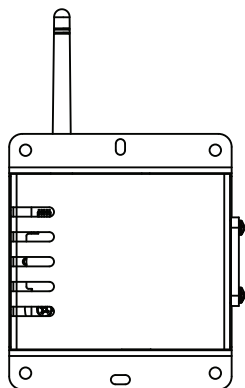


Sensors

-  Air Temperature
-20 - 60°C
-  Relative Humidity
0-99% RH
-  Light (Irradiance)
0-1000 Watts/m2
-  Carbon Dioxide (optional)
0-10,000 ppm
-  Real Time Clock (RTC)
Battery Backup Included
-  Fan aspirated with
air filter for high accuracy

Features

-  WiFi optional for direct sensor monitoring
and web portal connection
-  GrowNET digital link port
-  4-Channel 4-20mA analog outputs, 24Vdc
MODBUS RTU for industrial PLC applications
-  Durable powder-coated steel enclosure
-  2-Year Warranty
-  Made in USA



- WiFi Antenna
if equipped
- Light Sensor
- Color LCD Display
- Buttons

Compatible



- Power Jack / Analog Output
- Intake Fan & Filter
- 1/2" EMT Knock-Out
- GrowNET Port
RS485 MODBUS
- WiFi AP Mode Reset

Typical Applications



Greenhouses & Indoor Growing Facilities



Agricultural Facilities



Industrial Process Monitoring
Data Centers, Server Rooms



Analytical, Data Logging
research & academic applications

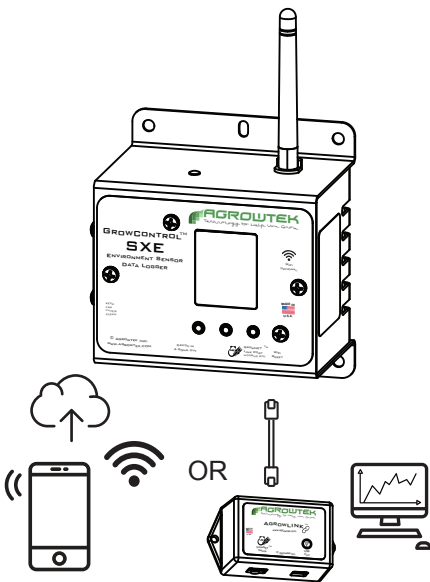


Home Environment Monitoring



OEM & custom applicatoins

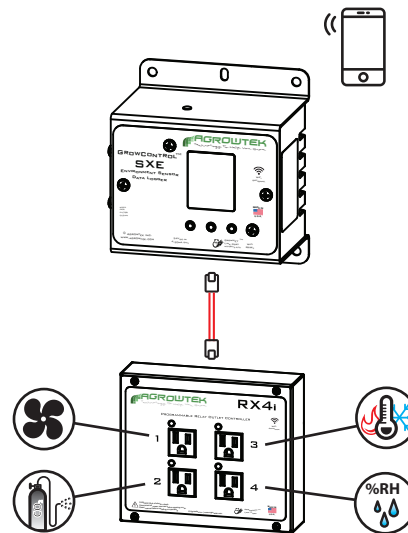
Stand Alone



Use the sensor as a monitoring, data logging and alerting device with the WiFi option or use the USB AgrowLINK for PC software connection. Configure email alerts, download the data log from the sensor, and link the sensor to the web portal for permanent data storage and a centralized interface.

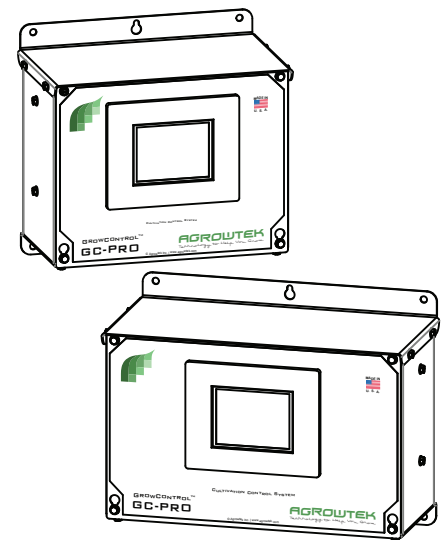
The WiFi option is required for web portal.

Mini Climate Controller



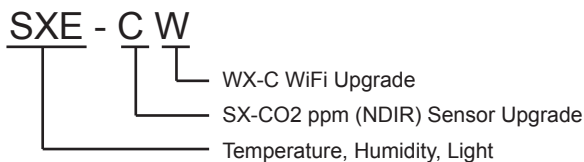
Combine a sensor and a RX4i or RD8i relay to form a powerful and economical basic control system. Configure standard control functions on the sensor to operate a relay module without a controller. Log data to the sensor's internal memory or add the WiFi module for browser access or web portal logging, email alerts, and more.

Master Controller



Connect to GrowControl Cultivation Controllers for advanced functions as part of a complete facility control solution. GrowControl systems are loaded with intelligent control functions optimized for today's complex growing environments.

Ordering Options



Optional Accessories



LX1
USB AgrowLINK
GrowNET Bridge



HX8
GrowNET
8-Port Hub



RX/RD
Relay Outlets